

**PATENT APPLICATION** 

Docket No.: 2685/5866

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Matthew SHERMAN

Group Art Unit: 2152

Application No.: 10/086,534

Examiner: To Be Assigned

Filed: March 4, 2002 INTERFERENCE SUPPRESSION METHODS FOR 802-11

RECEIVED

JAN 2 9 2003

Technology Center 2100

## INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

For:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The paragraphs marked below are applicable.

- This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date or the date of filing a CPA, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- This Information Disclosure Statement is being filed with a Request for 2. Continued Examination (RCE). No certification or fee is required.
- This Information Disclosure Statement is being filed more than three 3. months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

	paten	t office	Disclosure in a count	Statemer erpart fore	t each item it was cited eign applic sclosure S	d in a ation	common not mo	unication that	on from three	a foreign months p	
	in a co	ounterp y, was months	tatement v part foreigr known to a	was cited n application any individ	t no item o in a comm on or, to m lual design this Inforn	unica ny kno nated	ation fro owledge in 37 (	m a for e after CFR §1	reign pa making .56(c) r	atent office reasonat nore than	ole 1
			ayment of	the fee ur	sit Accoun nder 37 CF duplicate c	FR §1	l.17(p)	to ensu	ire cons	sideration	of
of Allo the Int 11-06 §1.17	4. This Information Disclosure Statement is being filed more than three hs after the U.S. filing date and after the mailing date of a Final Rejection or Nowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) information Disclosure Statement be considered. Please debit Deposit Account 500 in the amount of \$130.00 in payment of the petition fee under 37 CFR 7(i)(1) to ensure consideration of the disclosed information. Two duplicate cops paper are attached.							on or Noti tion(s) tha Account N FR	at No.		
	paten	t office	Disclosure in a count	Statemer erpart for	t each iten nt was cite eign applic sclosure S	d in a	comm	unication	on from n three	a foreign months p	
	in a co inquir three	ounter <mark>,</mark> y, was	tatement vo part foreign known to	was cited n applicati any individ	t no item of in a common on or, to me dual designates of this Inforr	nunica ny kna nated	ation fro owledge I in 37 (	m a fo e after CFR §1	reign pa making .56(c) r	atent offic reasonat nore than	ble า
							Respec	ctfully s	ubmitte	ed,	
Date:	<u>Janua</u>	ary 28,	2003			_	D	DM& K	ENYON	N .	د دور د سور
									lo. 43,6	98	

439761\_1.DOC

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

my som

(use as many sheets as necessary)

of 1

	Complete if Knoฟ้กั				
Application Number	10/086,534				
Filing Date	March 4, 2002				
First Named Inventor	Matthew J. SHERMAN				
Group Art Unit	2152				
Examiner Name	To Be Assigned				
Attorney Docket Number	2685/5866				

			U.S. PATENT	OCUMENTS		
Examiner Initials *	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
	<del> </del>	US- 6,373,833	04-16-02	Suonvieri et al.	Figures Appear	
	1	US- 5,953,344	09-14-99	Dail et al.		
		US- 5,663,954	09-02-97	Hakkanen et al.		
		US-				
		US-				
		US-,				
		US-				
		US-			RECEIVED	
	ļ	US-	- Commenter of the Comm		- ILCOLIA ED	
		US-			JAN 2 9 2003	
	<u> </u>	US-			JAN & J LUUJ	
	<u> </u>	US-			Yeshada O. A.	
	ļ	US-			Technology Center 2	
		US-				
	<del> </del>	US-				
	<del> </del>	US-				
	<del>                                     </del>	US-	* * # 4			
	<del> </del>	US-			<u> </u>	
	<del> </del>	US-			17.1	

		FOREIGN PA	TENT DOCU	MENTS		
Examiner Initials*	0.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,	Т6
	Cite No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	<del></del>					

Examiner Signature	Date Considere	ed

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 439754\_1.DOC

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional) . <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

#5

PTO/SB/21 (08-00) Please type a plus sign (+) inside this box Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF €OMMERCE nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/086,534 TRANSMITTAL **Filing Date** March 4, 2002 **FORM First Named Inventor** Matthew J. SHERMAN . (to be used for all correspondence after initial filing) Group Art Unit 2152 **Examiner Name** To Be Assigned Total Number of Pages in This Submission 5 Attorney Docket Number 2685/5866 Technology Center 2 ENCLOSURES (check all that apply) After Allowance Communication to Assignment Papers Fee Transmittal Form (for an Application) Appeal Communication to Board of Fee Attached □ Drawing(s) Appeals and Interferences Appeal Communication to Group Amendment / Response Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Petition After Final Proprietary Information Petition to Convert to a Affidavits/declaration(s) Provisional Application Status Letter Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): Terminal Disclaimer PTO-1449 and three patents Express Abandonment Request Request for Refund Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Remarks Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Date	Jaguary 28, 2003				
	7	CERTIF	ICATE OF MAILING		
I hereby certify	that this correspondence is	being deposited	with the United States Posta	al Service a	s first class mail in an envelope
Addressed to:	Assistant Commissioner for	Patents, Washii	ngton, D.C. 20231 on this da	te:	
Typed or printe	ed name				
Signature				Date	

B. Delano Jordan, Reg. No. 43, 698

Firm

Individual name

Signature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 440254\_1.DOC